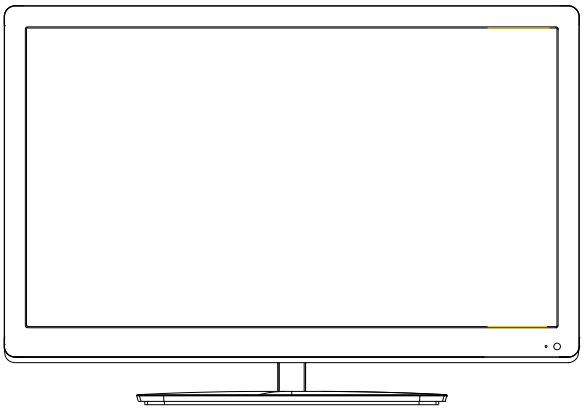
MHDV2262-O4
22" 55cm FULL HD LED LCD Television



USER MANUAL

Thank you for purchasing this LCD TV. Before connection and operation of this product please read the manual carefully and completely.

Please keep this manual for future reference.

N294

Version 1.1

Should you encounter any problems, please contact the help line before you return this product back to the place of purchase.

Contact our Toll Free Warranty Support Help Line

1300 366 144

Email: warrantyhelp@awa.com.au

Visit our web site for FAQ's or request for service
www.awa.com.au

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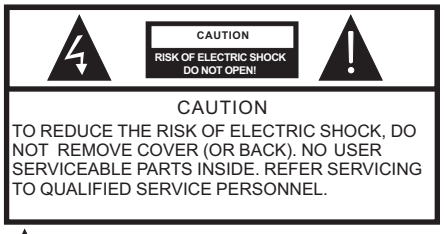
IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with a dry cloth.
7) Do not block any ventilation openings, install in accordance with the instructions.
8) Do not install near any heat sources such as radiators, air conditioners, stoves, or other apparatus (including amplifiers) that produce heat.
9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10) Only use attachments/accessories specified by the manufacturer.
11) Unplug this apparatus before lightning storms or when unused for long periods of time.
12) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13) The Mains plug is used as the power disconnect device, and the disconnect device shall remain readily accessible and operable.
14) The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloth, curtains, etc.
15) No naked flame sources, such as lighted candles, should be placed on or near the apparatus.
16) This device is not warranted for use in unreasonably hot, cold, or humid environments.
17) The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on or near the apparatus.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN!
CAUTION
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

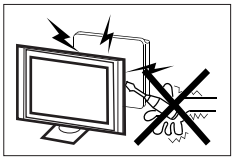
This symbol indicates that dangerous voltages, constituting a risk of electric shock are present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

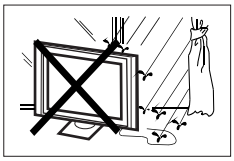
WARNING:
To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING:
The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

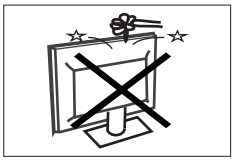
This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



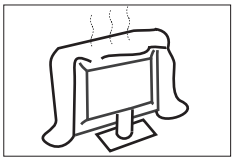
High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set.
Refer servicing to qualified service personnel.



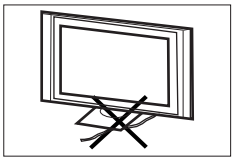
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



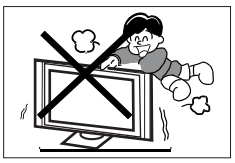
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



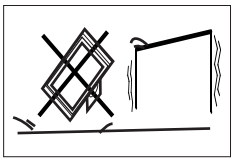
Do not block the ventilation holes in the back cover.
Adequate ventilation is essential to prevent failure of electrical components.



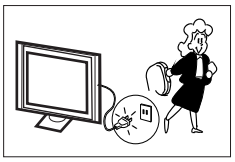
Do not trap the power supply cord under the television receiver.



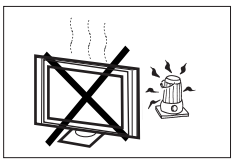
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



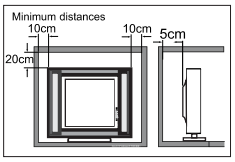
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television may result if it falls.



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

CAUTION
Never tamper with any components inside the TV, or any other adjustment controls not mentioned in this manual.
All LCD-TVs are high voltage instruments. When you clean up dust or water drops on the LCD PANEL or CABINET, the power cord should be physically removed from the mains outlet. You may then wipe the TV with a dry soft cloth. Before thunder and lightning events arrive, unplug the power cord and antenna cord to prevent damage to your TV. All repairs to this TV should only be performed by qualified TV service personnel.

Warning: Change or modifications to this unit not expressly by the part responsible for compliance could void the user's authority to operate the Equipment.

a. Do not expose to dripping or splashing.
b. No objects filled with liquids, such as vases, shall be placed on or near the apparatus.
C. The mains plug of this device is used as the power disconnect device and shall remain readily accessible and operable.
d. No naked flame sources, such as lighted candles, should be placed on or near the apparatus.
e. Allow suitable distances around the apparatus for sufficient ventilation. Ventilation should not be impeded by covering ventilation openings with items such as newspapers, table cloths, curtains and such like.

The display panel is a very sensitive high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of black, blue, green or red. Please note that this does not affect the performance of your product.

About After- Image:
The extended use of fixed image programme material can cause a permanent after - image on the screen. This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible screen deterioration can be limited by:
A. Reduce the brightness/contrast setting to a minimum viewing level.
B. Do not display any fixed image for extended periods of time.
C. Turn the power off when not in actual use.

Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays.
Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the screen.

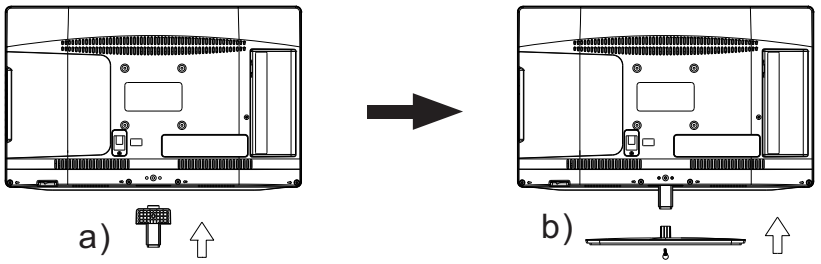
Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.

CAUTION:
The permanent after-image on the screen resulting from fixed image use is not an operating defect. This product is not designed to display fixed images for extended periods of time.

Base Stand Assembly Instruction

Place the TV with the display side down on a flat surface. Ensure the table or desk you use provides a flat, totally clean surface.
Use a cloth between the face of the TV and the table to protect the TV's screen.

1. Locate the bottom bracket into the gap in the bottom of the TV, and secure it using the supplied screw, as per a) below.
2. Gently slide the now-affixed bracket at the bottom of the TV into the slot in the base stand. Secure the base stand using the supplied thumb-screw, as per b) below.



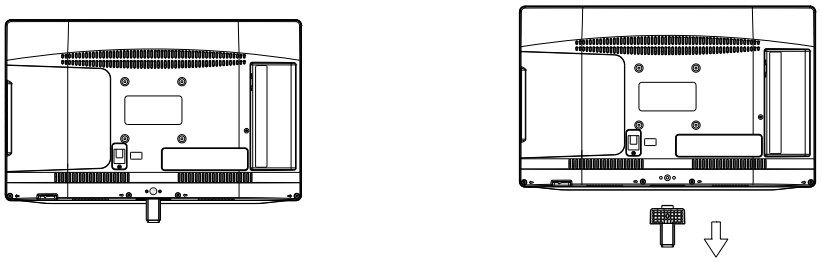
WALL MOUNTING INSTALLATION GUIDELINES

For wall mounting with an optional bracket, please read the following instructions in conjunction with the bracket's instructions. Make sure qualified service personnel perform the operation.

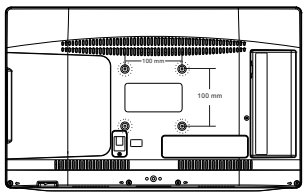
This television can be wall mounted as follows:

1.Place the LED LCD Television face down onto a solid surface. Please place some soft material over the front of the screen to protect it from any damage. The LCD panel is a fragile component, and must be suitably protected when removing the base stand. Be sure that no hard or sharp objects can come into contact with the screen's surface. Do not exert pressure on the front of the unit at any time, as this may damage the LCD screen.

2.Remove the screw from the lower part of the television, where the base joins to the TV, and take away the stand (put the stand and screw somewhere safe for future use).

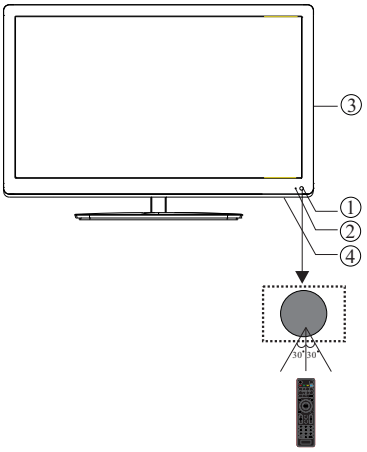


3.Use the four M4 screws provided to fix the TV onto a wall mounting bracket (not included) via the four VESA standard holes on the back of the television.



100mm x 100mm VESA wall mounting hole spacing and locations

Front panel

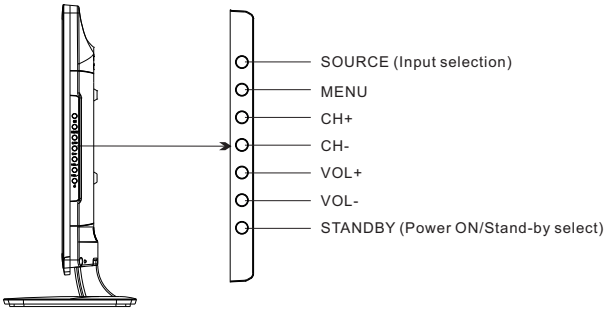


1: Remote control sensor.
2: Indicator LED:
BLUE ◯ = POWER ON.
RED ● = Stand-by.
3: Key board (on side of TV).
4: Main power switch (on bottom panel of TV)

The remote control needs to be pointed directly, within +/- 30 , of the sensor on the front of the TV for reliable operation.

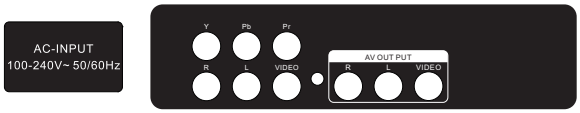
NB. There will be a 5-10 second delay between the power indicator LED changing state and the TV responding.

KEYBOARD



1. **SOURCE**:
Displays the input source Menu.
2. **MENU**:
Displays the main MENU.
3. **CH+/CH-**
In TV mode, press "CH+" or "CH-" to change the channel up or down.
In MENU mode, press "CH+" or "CH-" to select items.
4. **VOL+/VOL-**
Adjusts the sound level.
In MENU mode, press "VOL+" or "VOL-" to adjust the item that you have selected.
5. **STANDBY**
Once the TV's main power switch has been activated, press this button to turn the unit ON from STANDBY mode.
Press it again to return the set back to STANDBY.

REAR AV Connections

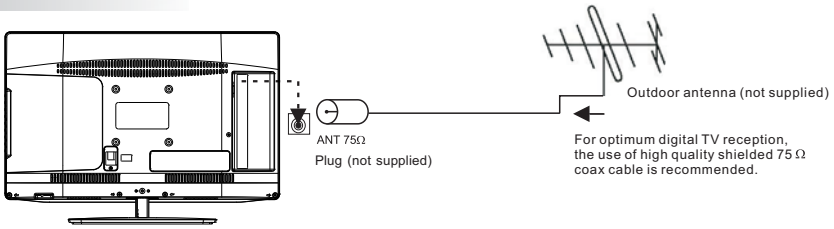


All the terminals are (from left to right):
AC POWER INPUT, YPbPr (component video) inputs, L+R Audio inputs, AV composite video input, AV output (composite video and L+R audio).
Note: 1. VIDEO and YPbPr share the same L+R audio inputs.
2. The AV output sockets are only functional during DVD operation.

SIDE AV Connections

All the terminals are (from left to right):
USB, HDMI2 input, HDMI1 input, HEADPHONE output, PC Audio input, VGA input, Antenna socket.
Note: 1. When the HDMI1 input receives a DVI signal, the matching audio signal is received by the PC Audio input.
2. When the HDMI2 port receives a DVI signal, the matching audio signal is received by the YPbPr/AV Audio input.

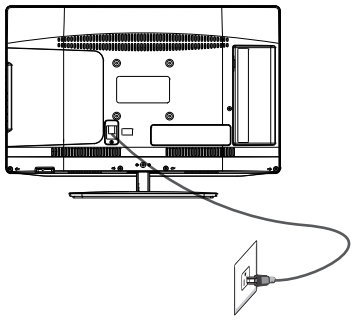
ANTENNA


Outdoor antenna (not supplied)
ANT 75Ω
Plug (not supplied)
For optimum digital TV reception,
the use of high quality shielded 75 Ω
coax cable is recommended.

Note:
Aerial connections: IEC (PAL-type, female).
Input impedance: 75 Ω unbalanced.

POWER

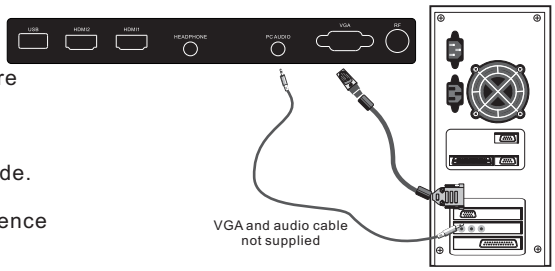
AC Input
100-240V~ 50/60Hz



PC

STEPS:

Be sure both the TV and computer are set to Power off.
1.Connect a VGA and audio cable.
2.Connect the power cord.
3.Power on the TV, switch to PC mode.
4.Power on the PC.
This connection and power-up sequence is very important.



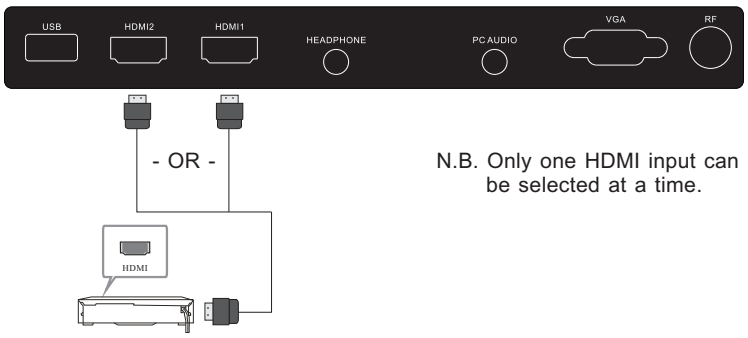
PRESET MODE

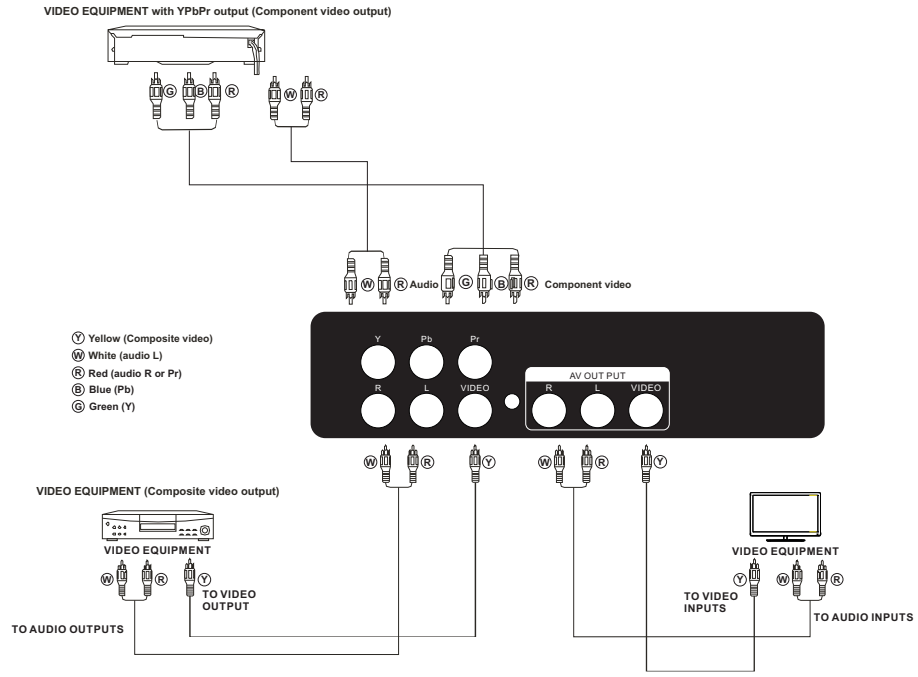
	RESOLUTION	V.Freq.(Hz)	H.Freq.(kHz)
1	720*400	70	31.47
2	640*480	60	31.47
3	800*600	56	35.156
4	800*600	60	37.88
5	800*600	72	48.08
6	1024*768	60	48.36
7	1024*768	70	56.48

The above resolutions are the only ones guaranteed to be supported. Other resolutions up to 1920 x 1080 may also be supported, but this must be assessed by the user on a case-by-case basis. This is also subject to the limitiations of the computer's video card.

AV EQUIPMENT

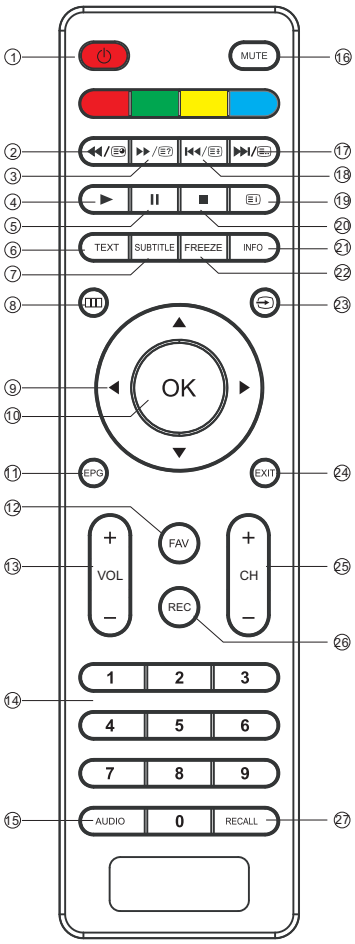
You can use the input and output terminals on the TV set as follows.





Your TV can be connected to the following appliances: VCR, multi disc player, DVD, camcorder, video game console or stereo system, etc.....
YPbPr (component video) can support these video formats: 480i, 576i, 480p, 576p, 720p.
Use an HDMI connection to view 1080i/1080p material.

REMOTE CONTROL



1:**POWER**:To set the TV to standby or power on.
2:◀◀/ :In USB mode, used as reverse key, in teletext mode used as subpage key.
3:▶▶/ : In USB mode, used as forword key, in teletext mode used as reveal key.
4: ▶: Press the Play Button in USB Mode to begin or continue Playback.
5: ⏸ : Press the Pause Button to pause play in USB Mode.
6:**TEXT**:To enter or TELETEXT.
7: **SUBTITLE**: To turn on subtitles press the subtitle button in DTV mode.
8 : : Displays the main on-screen menu.
9 :**CURSOR**: To move within the menu.
10:**OK**: Confirms selection.
11:**EPG**: To display information about the program being viewed and what's on next in DTV mode.
12:**FAV**: To access your favourite channels list in TV or DTV mode.
13:**VOL+/-** : To adjust sound level.
14:**NUMERIC KEY**: For direct access to channels.
15:**AUDIO**: To select the available audio language of TV programs .
16:**MUTE**: To disable or enable the sound output.
17: ⏭/ : In USB mode, used as next key, in teletext mode used as list key.
18:⏮/ : In USB mode, used as previous key, in teletext mode used as hold key.
19: :In teletext mode used as index.
20: ■ : Press to stop play in USB mode.
21:**INFO**: To display the program information of the show you are watching, press the info button.
22:**FREEZE:** Press to freeze the picture you are watching.
23: : Press to display and select the available video sources.
24:**EXIT**: To return to the previous menu or exit menu.
25:**CH+/CH-**: To access the next or previous channels.
26:**REC**: Press to record the TV program you are watching in DTV mode
27:**RECALL**: DTV Mode: RECALL: Jumps to last channel viewed.

Remote Control Battery Installation

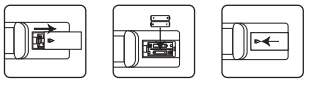
The remote control requires two AAA batteries. Below are steps to assist you with replacing the batteries.

1.Open the back cover of the battery compartment.
2.Install the batteries into the battery tray. There are +/- polarity markings in the battery compartment. Please ensure the battery polarity is correct.
3.Close the battery cover.

Note: There are two battery cover types that may be used. Please refer to picture 1 or picture 2 as applicable to the Remote Control supplied with your TV.

Picture 1:

Picture 2:

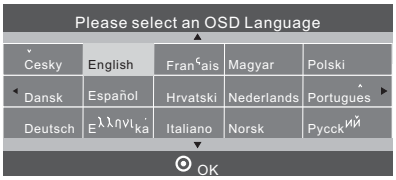


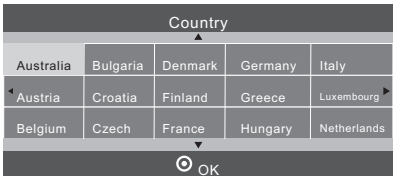
TELETEXT

Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.)

Press:	You will obtain:
TEXT	This is used to call or exit teletext modes. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number. If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).
SELECTING A PAGE	Enter the number of the page required using the 0 to 9 up/down. Example: page 120, enter 120. The number is displayed top left, the counter turns and then the page is displayed. Repeat this operation to view another page. If the counter continues to search, this means that the page is not transmitted. Select another number.
DIRECT ACCESS TO THE ITEMS	Coloured buttons correspond to the colours at the bottom of the screen. The 4 coloured keys are used to access the items or corresponding pages. The coloured areas flash when the item or the page is not yet available.
INDEX	This returns to the contents page (usually page 100).
SUB PAGE	Certain pages contain sub-pages which are automatically displayed successively. This key is used to stop or resume sub-page acquisition. The indication appears top left.
HOLD	To freeze the page.
REVEAL	To display or hide the concealed information (games solutions).
LIST	The user can set four favourite pages to be directly linked to the four color keys. While list mode is activated, it is not possibility to use TOP or FLOF navigation with the colourkeys. The favourite page numbers should be stored and restored to/from nonvolatile memory for each channel by the system software.

Installation Guide



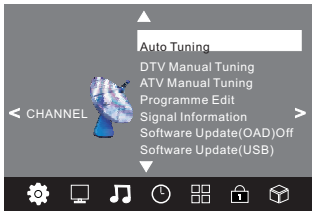


This screen only appears when the TV is turned on for the first time, or reset to factory settings. You can choose language, country and auto tuning programs. After tuning, the screen will skip to the first DTV program.

To select the MENU mode, press the menu button on the side keyboard of the TV, or press the TV/menu button on the remote control.

1.CHANNEL MENU

The first item of the MENU is channel menu (for ATV or DTV source only). ATV = Analogue TV, DTV = Digital TV.

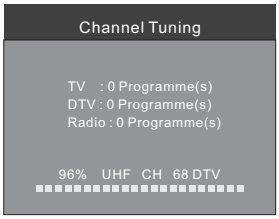


You can search channels and edit programs here.

1).Auto Tuning:

Search all the channels automatically (you can select ATV, DTV, or DTV+ATV searching).

Press ◄► to select search type, then press ◄►▼▲ to select country (eg. Australia), then press the OK button to start auto tuning.



NOTE:

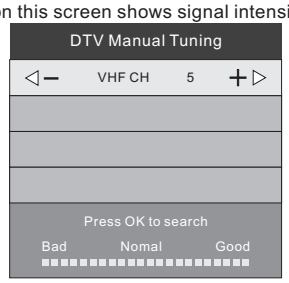
All the channels including ATV, DTV and Radio can be tuned at once, if the Tune Type is set to DTV+ATV. Any previously stored channels will be deleted after auto tuning is carried out.

After auto tuning, the receiver will skip to the first DTV channel.

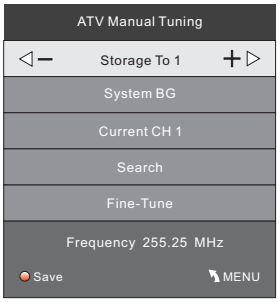
The radio channels are the ones provided by some TV stations. This unit does not receive DAB+Digital Radio broadcasts.

2).DTV Manual tuning:
You can select a DTV channel then find the program in this channel.
Press ◀ ▶ to select the channel, then press OK to search the programs .

NOTE:
The Bad Normal Good bar graph on this screen shows signal intensity during DTV reception only.



3). ATV Manual tuning :
You can change the sound system, search the analog TV channels and fine tune them, then store the channels you selected. In Australia, select the "BG" sound system.



NOTE:

Press the teletext red button on the remote control to store the channels after manual tuning.

4). **Program edit:**
You can Delete, Rename, Move, Skip, or FAV most TV programs.

Delete
Press the teletext red button, the program in the cursor will be deleted.

Rename:
You can only rename ATV programs.
Move the cursor to the program, press the teletext green button to rename the program.
Press ▼▲ to choose the character. Press ◀ ▶ to move the cursor .
Press MENU button to exit edit, Press EXIT to exit the menu.
Note: ATV program names can only be 5 characters long, DTV program names can be up to 25 characters.

Skip
Press ▼▲ to choose the program, press the teletext blue button to skip this program, the ⃠ symbol will show on the right side of the program.
Choose the skipped program, press the blue button again, you can cancel the skip and the ⃠ symbol will disappear.

Favourite
Press ▼▲ to choose the program, press the FAV button and it will show ♥ on the right side of the program.
Choose the FAV program, press FAV button again, you can cancel the FAV and ♥ will disappear .

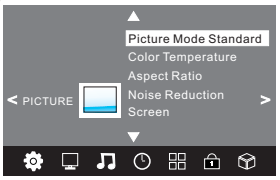
Once your favorite group is created, you can press the FAV key to quickly access your favourite channel.

5). Signal Information: Displays the signal information in DTV (digital TV) mode only.

6). Software Update:
WARNING: Do not attempt to use this option unless you have a valid software program for the MHDV2262-O4 TV stored on a compatible USB drive, and the drive is connected to the TV. Please remove the antenna cable from the TV RF port, go to the channel Menu, select "Software Update (USB)" and press OK to run the software update.

2. PICTURE MENU

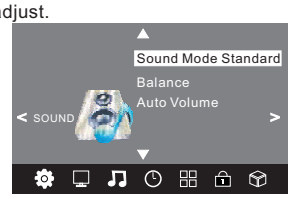
The second item of the MENU is PICTURE MENU.You can adjust picture effects here, such as contrast, brightness, etc.
Press ▼▲ to move, press OK to adjust.



NOTE:
1).Tint is available in NTSC system only.
2).There are four color temperature modes that can be selected: medium, warm, cool, user.
3).The Screen option is only available once the Input Source is set to "PC", which allows you to adjust Horizontal position, vertical position, size and phase or select an Auto Adjust mode.

3.SOUND MENU

The third item of the MENU is the SOUND MENU.
You can adjust the sound effect here such as treble, bass, balance etc.
Press ▼▲ to move, press OK to adjust.



Note:
Auto volume: only available when the input signal volume is too large or there is distortion.

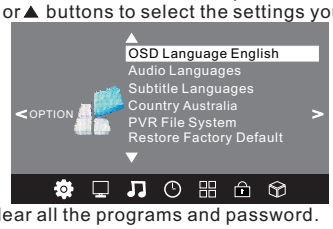
4.TIME MENU

The fourth item of the menu is the TIME MENU. You can adjust the clock, power on/off time, sleep time etc
Press ▼▲ to move, press OK to adjust.

NOTE:
The clock time is automatically set by the Digital TV transmissions.

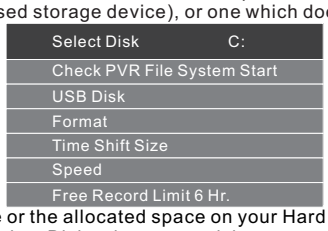
5.OPTION MENU

To enter the Option Menu, press MENU button and then press◀ or ▶buttons to select the Option Menu. Once in Option Menu, press▼or▲ buttons to select the settings you wish to adjust. Press MENU button to return to the Main Menu.



NOTE:
Restore Factory Default will clear all the programs and password.

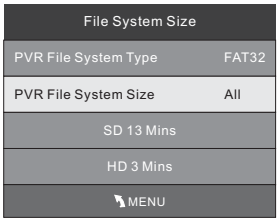
In PVR File System Sub-menu you will be asked to format your USB 2.0 drive or Hard Disc for PVR Operation. If you are not familiar with the various drive or partition options for storage devices, start this process using a blank (ie. unused storage device), or one which does not hold sensitive or required data.



Select Disc
To view and select the USB file or the allocated space on your Hard Disc that you would like to record to, press OK button to enter the Select Disk sub-menu and then press◀ or ▶buttons on your remote control to select the particular partition/file for recording.
Press the Menu Button to return to the Main Menu.

Check PVR File System
Press the OK Button to start checking the file system of your USB storage or Hard Disk. Once SUCCESS is shown after checking, you will then be able to begin recording or use the Time Shift function. If FAIL is shown after checking, you then need to format your USB drive or Hard Disc before being able to record or use the Time Shift feature.

Format
When you format your USB drive or Hard Disc partition any saved data will be lost. Please ensure that you start with a blank partition on your Hard Disc to ensure you don't lose any data.



PVR File System Type
There are two types of supported formats: FAT32 and Hi Speed Format. You can press◀ or▶ buttons to choose the type of formatting. If FAT32 is selected, you will have to format the whole size of your USB drive or the allocated partition for recording. If Hi Speed Format is selected, you will then be able to press◀ or▶ buttons to select the size you wish to use (for example 1G, 10G, 20G... or All). Once a particular size is booked for recording, you will be able to use the remaining space of your USB drive or Hard Disc for other data storage.
WARNING: Please note no matter which size is booked for recording, all the data in the allocated partition of the Hard Disc will be lost after formatting.

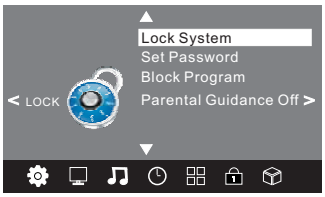
Speed
This will show the supported speed of recording, and whether your storage device can support HD DTV recording.

Record Limit
This will show the approximate time you will be able to record on to your USB drive or Hard Disc.

FACTORY RESET NOTE:
If you wish to reset your TV, please select the Restore Factory Default option, this will clear all settings.

6.LOCK MENU

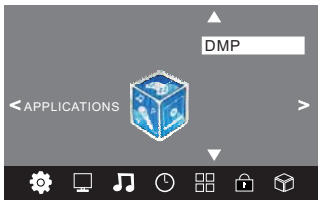
To enter the LOCK Menu, press MENU button and then press ◄ or ► buttons to select the LOCK Menu.
The default password is 6666.
Please set a new password so it is easy to remember. Follow the on screen steps to set your new password.



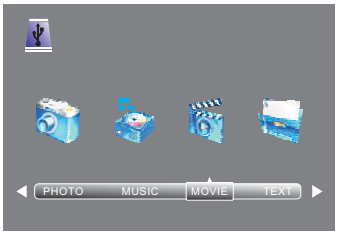
Once the Parental Guidance mode is turned on, you can set viewing restrictions during DTV TV reception based on the programs classification (eg. G, PG, M, MA etc).
NB. The viewing restrictions do not apply to the DVD player or ATV reception.

7. APPLICATIONS MENU

To enter the Applications Menu, press MENU button and then press ◄ or ► buttons to select the Applications Menu. This is where you will be able to view and play various low data-rate USB media files or DTV programs recorded using your TV.



Press the OK button to enter the basic DMP (Digital Media Player) Menu and then use the ◄ or ► buttons on the remote control to select the file playback type (eg. Photo, Music, Movie, Text), then press OK. You can preview a selected file by highlighting it using the cursor arrows and pressing OK. Press the ►Play button on the Remote Control to show it in full-screen size. Press the MENU/INFO button to bring up a controls tab at the bottom of the screen, allowing easier control of play, pause, stop and repeat modes. Press the EXIT button repeatedly to progressively return back to the DMP menu.



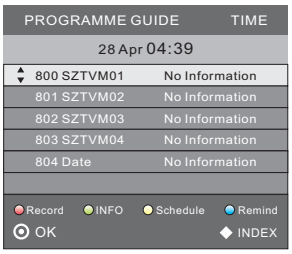
The supported formats are as below:
Photo: JPEG (Press Play to start slideshow. For best results use 1920 x 1080 pixel images).
Music: MP3
Movie: Small AVI files (Not all .AVI formats are supported).
Text: TXT (eg. Windows Notepad).

8.EPG Menu (Electronic Program Guide).

The EPG Menu is used to look at what is being broadcast by DTV stations. After you turn the TV on and select the DTV input, your TV will commence receiving EPG data progressively over a period of time (typically up to half an hour, depending on the number of stations being received). Press the EPG Button to access the EPG Menu. You will receive detailed program information of the channel you are currently watching as well as programs in the near future. Press the ▲ cursor to move to the top of the EPG screen to the Programme Guide tab, then press the ▶ cursor to select either Time or Channel listings.

In the Time mode, move the highlighted tab down to the date line using the cursor keys, then press the ◀ ▶ cursor keys to select the desired reception date. Use the ▼ down cursor to move thru the available programs for the selected date and time.

In the Channel mode, use the cursor keys to select the desired DTV channel, then scroll thru the available programs into the near future. Once the selected program is chosen you can select to tag it for either Remider or Record activity using the Blue or Red buttons, and then view the planned activity in the Schedule List.

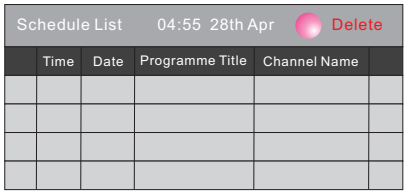


1. INFO

Use ✥ to select a program and then press the Green Button or INFO key on the Remote to display the highlighted program's information (if transmitted by the TV station).

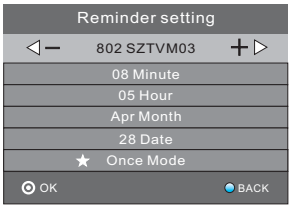
2. Schedule

Press the Yellow button to list all the stored reminder schedule, press ▼▲ to choose the list, press red key DELETE to delete the schedule list, Press EPG to return to EPG menu.



3. Remind

Press the Blue Button to book a DTV program for future viewing and add to the Schedule List.



4. Record

Press the Red button to book a DTV program for future recording and add it to the Schedule List.

9. PVR function

1). Prepare to record the program

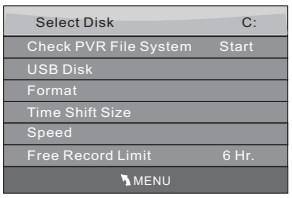
From OPTION MENU enter into the PVR File System and choose "check PVR File System". Click "OK", and wait until "checking" changes into "Success".
Note: please check the result marked "Speed". If it is "HD support", that means the speed of your USB device is suitable for time shift and record functions. If not, please format the device, to make sure the USB device is capable of handling the recording functions. The default "Free Record Limit" is 6 hours, if the space on the disk is big enough. If the space is not big enough, the record time will be shorter, depending on the capacity of the device. During the "check PVR File System" checking, please do not take any other operation until it is finished.

The recordings have to be done from within the TV PVR system. The recordings can only be played in the same TV, and generally not in any other kind of devices (computer, DVD, etc...) which are not compatible with the .TS file format.

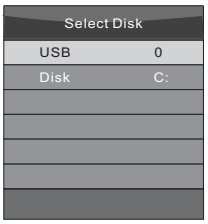
In order to carry out any kind of recording, the TV will oblige you to format the connected USB device to store the recording. The High Speed format option is recommended for better HDTV recording results.

WARNING. WHEN YOU FORMAT THE EXTERNAL USB DEVICE YOU WILL LOSE ALL THE FILES AND INFORMATION STORED ON THE DEVICE.

From the OPTION MENU, enter into the PVR File System as below:

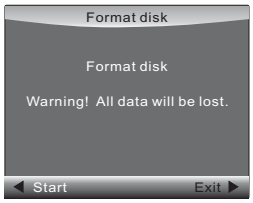


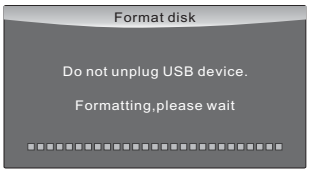
Select Disk: select which disc to save the record file onto, then press OK to return to the PVR menu.



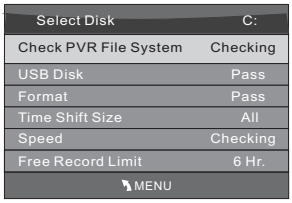
Check PVR File System: check if the PVR File System set up will work with your USB device or not.

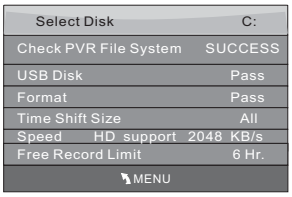
Format: Refer to the details on formatting on page 16 before using this option for the first time. Once you have selected the type of formatting of your USB storage device, your TV will show various progress screens (see next page).



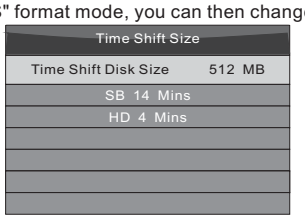


When the Format process has finished, you can then run the “Check PVR File System” option to show the speed ability of your USB storage device. Press EXIT to return to TV mode.





If you selected the "Hi Speed FS" format mode, you can then change the time shift memory size:



2). Recording a DTV program
When viewing a DTV program, click the "record" button on the remote control and the record control tab will pop up and the PVR will commence recording. Click the "record" button again and the record control tab will disappear while the "REC" icon will remain on the top left of the screen. It will disappear when you click "stop", and the PVR will finish recording.

PVR recording of DTV programs can also be accessed thru the EPG, and future recordings can be accessed using the Schedule List option. Refer to the EPG Menu section on page 18.

3). Playing back the recording:
In the USB drive, the recorded program will be saved in the folder "_MSTPVR" on the device. To play back the .TS format files, use the DMP (Digital Media Player) function as shown on page 22, and select Movie as the type of file to play back. Alternatively, press the Angle button repeatedly on the Remote Control to display the Recorded List in Program, Channel or Time order.
1. Video may become pixelated if the video bit rate is too high for the USB drive. If this occurs, try using a faster USB drive, or re-format it using the High Speed Format option. Note:This may make the drive un-readable in other USB devices.
2. The USB PVR function relies on the use of high quality USB drives, and as such may not be compatible with some specific USB devices.

10. Timeshift function

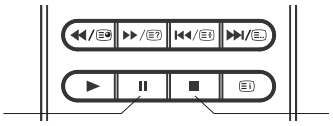
Prepare to record the program
This TV allows you to pause and record the currently watched digital TV program to a USB storage device, and to resume viewing at the point where it was paused.
NOTE:
Formatting a USB 2.0 storage device will be needed. Save the original data on your USB device before formatting. All the data stored in the USB device will be erased after formatting.

USB Drive Storage Format
Follow the Format instructions on page 16 of this Manual to format the USB device and allocate the amount of space for the Time Shift function.

NOTE:
The format process will take at least 2 minutes depending on the capacity of your USB device. Please do not turn off the power or remove the USB device during formatting. The High Speed format option is recommended for better HDTV recording results.

During formatting, a speed test will be done on the USB device. If it fails, it means the USB device may not support the Time Shift function.

Record a paused DTV program to USB storage device
1. While in the DTV input source, insert USB storage device to the USB port on the side of your TV.
2. Select a DTV channel, then press **PAUSE** to start the Time Shift function. The TV program will be paused on screen; the Time Shift OSD appears and recording commences. Press ▶play to playback the time-paused material.
3. Press **STOP** to stop the Time Shift function and stop recording program.



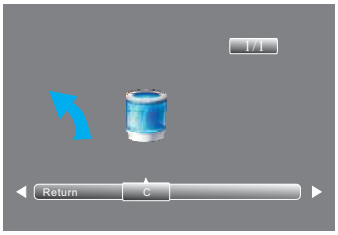
NOTE:
Please do not unplug the USB storage device when the Time Shift function is activated, as damage to the recorded file or the USB storage device may occur.

Approximately 4GB of memory buffers about 30-40 minutes of DTV material.

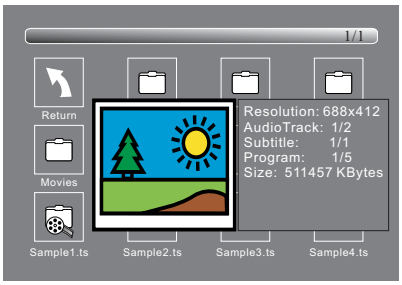
11. Digital Media Player (DMP)

To play and view low data-rate USB media files as well as DTV recordings made using this TV, use the DMP function that is accessible from the Applications Menu. For playback of high data-rate media files the use of an external Media Player is recommended.

Please make sure that the USB device is plugged in the slot. There are four media types that can be selected, such as Photo, Music, Movie, and Text. Select the type of media item by pressing◀ ▶, press **OK** button to enter the disk selection menu.

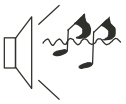
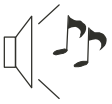
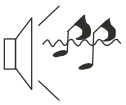
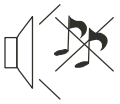
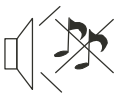
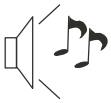
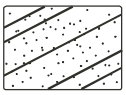
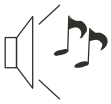
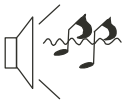
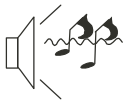


Press the◀ ▶cursor buttons to select the correct disk and press **OK** to display the media files and folder list or press EXIT to return to the media type selection menu. Once you have selected the required media type and drive details, you can view the various files and folders on screen.



Select the media file by pressing ◄► or ▼▲ , then press **OK** and the preview frame will pop up if the file in playable. Press the play ► button to play the media file in full screen mode. When the media file (Photo, Music, Movie, or Text type) is playing, press the **OK** or Info button to display the control bar at the bottom of the screen.

In the control bar, press ◄► to select the function icon, then press the OK button to confirm the function. Press ▼ or EXIT button to exit the control bar.

Trouble phenomenon Symptom		Inspection Check
Picture	Audio	
Snow	 Noise	antenna position, direction or connection
Ghost	 Normal audio	antenna position, direction or connection
Interference	 Noise	electronic equipment, car/ motorcycle, fluorescent light
Normal Picture	 Mute	Volume (check if mute is activated or if the audio system connections are not correct)
No picture	 Mute	Mains Power cord is not inserted Mains Power switch is not activated Contrast and brightness/volume setup Press Power/Stand-by key on the remote control
No colour	 Normal audio	Colour control
 Picture breaking up	 Normal audio or weak	retune channel
No colour	 Noise	TV system
Mosaic	 Unnormal	Antenna Loose

Please turn on the main power switch at the bottom right-hand side of the TV before attempting to turn on the TV via the Standby button or the Remote Control.

LCD :	
Viewing Picture Size (diagonal)	21.5" (54.6cm)
Resolution	1920x1080
Aspect Ratio	16:9
Display colours	16.7M
Brightness	250 cd/m^2
Contrast ratio	1000:1
Response time	5 ms
View angle (max)	160°(H)/160°(V)
TV:	
TV system	Digital TV: DVB-T Analog TV: PAL
DVB-T decode	Audio: MPEG2 Audio Layer I&II Video: MPEG2 Transport MP@HL
DVB-T de-modulation	Demodulator : COFDM OFDM Mod.: 2K, 8K FFT, SFN and MFN Packed Carriers: 2K/8K Guard Interval: 1/4, 1/8, 1/16, 1/32
Terminals:	
HDMI Inputs	2
VGA Input (15 pin D-type)	1
Audio Input (RCA sockets)	1 (L+R)
PC Audio Input (3.5mm socket)	1
Composite Video Input (RCA)	1
Y PbPr (Component video) Input	1
Composite Video Output (RCA)	1
Audio Output (RCA sockets)	1 (L+R)
USB (media play, HDTV record/play) input	1
HEADPHONE Output	1
Others:	
Input Power Voltage	100V-240V~ 50/60Hz
Power consumption	38 W
Audio Output Power (THD≤7%)	2 x 3W
Dimensions (approx):	518 x 363 x 160mm (W.H.D) with stand fitted

Product Warranty

Subject to the warranty repair conditions below, in addition to all rights and remedies to which you may be entitled under the Competition and Consumer Act 2010 (Commonwealth) and any other relevant legislation, the manufacturer warrants this product to be free from defects in materials or workmanship for a period of 12 Months from the original date of purchase.

Warranty Repair Conditions

A. This Product Warranty only applies provided the product:-

- Has been purchased in Australia and sold by Authorised Distributors or Dealers and only where the products are used and serviced within Australia
- Is taken for service when required to an Authorised Service Agent, together with written instructions indicating specific problem or function requiring investigation.
- Has valid proof of purchase and presented when warranty service is requested.
- Has only been used in a domestic application.
- Has been installed and operated in accordance as noted in the operating instructions under normal use and reasonable care (in the opinion of the Service Centre).
- Has not been damaged by the use of accessories which in the opinion of the Service Centre are defective or incompatible with the product.
- Has not been tampered with or repaired (including unauthorised alterations) by anyone other than the AWA Service Centre or an Authorised Service Centre.

B. This Product Warranty does not cover:-

- Damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accidental damage, misuse, neglect, build-up of dirt or dust abuse, wear and tear, maladjustment of customer controls, mains supply problems, thunderstorm activity or Acts of God, pixel error, infestation by insects or vermin, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- Mileage or travelling time in respect of service outside the authorised AWA Service Centre nor pick up and delivery cost incurred.
- Installation, de-installation or re-installation of a product, including mounting, de-mounting or remounting of any screen.
- Service calls arising from failure to correctly operate the product or to observe noted instructions, or repair which reveals the product is in normal working order.
- Cabinet parts, user replacement batteries or leads unless the defective items are reported at the time of purchase.

C. Service calls only apply to Television display devices (LCD, LED, Plasma) with screen sizes greater than 31 inches in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centers.

D. Requested service visits to the customer premises will be made during normal working hours of the customary working week upon request by the customer. Where such a visit is made on a day arranged by the customer and the service technician is unable to obtain access to the product, the Service Centre will be entitled to make a separate charge for service call fee, time and distance travelled.

E. The AWA Service Centre and its Authorised Service Centres may charge for work done where the product is found to be in good working order. Example, charges may be made where the problem is found to be due to incorrect setting of customer controls, use of poor associated equipment (e.g. poor antenna systems) or the inability of the product to operate with faulty or incompatible equipment.

F. If the product is sent to an Authorised Service Centre, the owner is responsible for the cost of transport to and from the Service Centre. In addition, the product is at the owners risk while in transit to and from the authorised Service Centre.

G. No person is authorised to make or give any assertions, statements or undertakings, whether expressed or implied about the product other than or additional to the terms of this warranty.

This product comes with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Where a failure does not amount to a major failure Big W is entitled to choose between providing you with a repair, replacement or refund. To obtain compensation, you would need to provide documentary evidence of the loss or damage suffered, and documentary evidence that such loss or damage was a reasonably foreseeable consequence of a failure by Big W to comply with a consumer guarantee under the Australian Consumer Law. Such evidence may include photographs, statutory declarations, receipts or reports (eg from your doctor), depending on the loss or damage.

This warranty is provided by Woolworths Limited of 1 Woolworths Way, Bella Vista NSW 2153.

Please read instruction manual carefully
Should you encounter any problems or want to claim warranty service

Please contact Telefix for Warranty Support
1300 366 144

Email: warrantyhelp@awa.com.au

The original proof of purchase must be kept and produced for service requirements under this Product Warranty.